

PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

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TWO NEW WOOD RATS (*GENUS NEOTOMA*) FROM  
STATE OF COAHUILA, MEXICO.

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Among the mammals collected by E. W. Nelson and E. A. Goldman in Coahuila, Mexico, in the spring of 1902, are two new species of *Neotoma*, which may be characterized as follows.

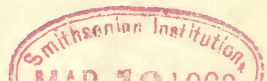
*Neotoma navus*, sp. nov.

*Type* from Sierra Guadalupe, Coahuila, Mexico. No. 116,895, ♀ ad., U. S. National Museum, Biological Survey Collection. April 26, 1902. E. W. Nelson and E. A. Goldman. Original No. 15,130.

*Characters*.—Size medium; tail rather long; ears medium. Similar to *N. mexicana* but tail decidedly longer; frontals expanded posteriorly unlike the previously known members of the *mexicana* group; anterior lobe of first upper molar cut in two by deep notch on inner side, as in *mexicana*.

*Color*.—Ground color of upperparts buffy ochraceous, moderately, evenly, and rather inconspicuously lined with black hairs; sides of face buffy ochraceous, the color reaching forward to nose (not stopping under eye as in *mexicana*); fore feet from wrists and hind feet from ankles white; head grayish; tail sharply bicolor, narrowly dusky above, broadly white below; underparts white, the plumbeous underfur showing through posteriorly; axillæ salmon.

*Cranial characters*.—Skull and teeth rather slender, about as in *N. mexicana*, which appears to be its nearest relative; bullæ small; premaxillæ exceeding nasals. The skull differs from that of *mexicana* in



having the frontals expanded posteriorly, forming supraorbital shelves; anterior root of zygoma more slender, with smaller antorbital notches; bullæ decidedly smaller and less inflated anteriorly.

*Measurements.*—Type (♀): Total length, 350; tail vertebræ, 164; hind foot, 34. Adult male from same place: total length, 330; tail vertebræ, 152; hind foot, 36.

*Skull of type.*—Basal length, 37; zygomatic breadth, 21.5; palatal length, 21.5; diastema, 12; upper molar series on alveolus, 8.5.

### ***Neotoma goldmani*, sp nov.**

*Type* from Saltillo, Coahuila, Mexico. No. 116,894, ♂ yg. ad., U. S. National Museum, Biological Survey Collection. April 18, 1902. E. W. Nelson and E. A. Goldman. Original No. 15,101.

*Characters.*—Size small; tail rather short, sharply bicolor; ears rather large; color grayish, becoming buffy ochraceous on flanks. Skull small, similar in general to that of *desertorum* but much smaller, with strikingly smaller bullæ; anterior lobe of first upper molar single and without anterior notch.

*Color.*—Upperparts buffy grayish, becoming buffy ochraceous on flanks; back well sprinkled with black tipped hairs, most abundant on posterior half; head and face gray, washed with buffy ochraceous on cheeks; underparts and feet white; tail above dark brown (nearly black in fresh pelage); below white or nearly white.

*Cranial characters.*—Skull small, light, and smoothly rounded, even in old age; frontals flat interorbitally, broad anteriorly and not expanded posteriorly (much as in *mexicana* but relatively broader and flatter); nasals narrowly wedgeshape, truncate behind; premaxillæ reaching far beyond nasals and somewhat expanded posteriorly; interparietal subtriangular, long transversely, strongly convex anteriorly.

*Remarks.*—*Neotoma goldmani* is a very small species with a peculiar combination of cranial and dental characters. It does not require close comparison with any known species.

*Measurements.*—Average of four from type locality: total length, 279; tail vertebræ, 128; hind foot, 30.

*Skull* of an adult male from type locality: basal length, 33; zygomatic breadth, 19; palatal length, 18.2; diastema, 11; interorbital breadth, 5.5; upper molar series, 7.